

Conference: The Ilan Ramon International Space Conference

Location: Tel Aviv, Israel

Dates: Jan. 26-D31, 2012

Title: "Hubble Space Telescope – Scientific, Technological and Social Contributions to the Public Discourse on Science"

Presenter: Jennifer Wiseman

Abstract:

The Hubble Space Telescope has unified the world with a sense of awe and wonder for 21 years and is currently more scientifically powerful than ever. I will present highlights of discoveries made with the Hubble Space Telescope, including details of planetary weather, star formation, extra-solar planets, colliding galaxies, and a universe expanding with the acceleration of dark energy. I will also present the unique technical challenges and triumphs of this phenomenal observatory, and discuss how our discoveries in the cosmos affect our sense of human unity, significance, and wonder.